

CLAIMS

1. Platform for a device for wetting objects, especially for an incubation/hybridization chamber that is defined by an object support (57) and by the platform (1) arranged at a distance to said object support (57); said platform comprising a base (3) provided with at least one spacer (7) and a frame (27) carrying said base; **characterized in that** the base (3) is movably mounted relative to the frame (27) by means of a bearing device (23), that said bearing device, in a first functional position, maintains the base (3) in such a manner that it projects from the frame (27) and/or the bearing device (23), and in a second functional position it projects in some areas beyond an imaginary plane (E) in which the surface (5) of the base is disposed.
2. Platform according to Claim 1, **characterized in that** the bearing device (23) consists of an elastic material – preferably silicone.
3. Platform according to Claim 1 or 2, **characterized in that** the bearing device (23) is annular in design.
4. Platform according to any one of the preceding claims, **characterized in that** the bearing device (23) comprises the following areas: a first area (29) which is connected with the frame (27) or, respectively, with its front face (31), a second area (33) which is connected with the base (3), and an elastic third area (35) which is arranged between the first area (29) and the second area (33).
5. Platform according to any one of the preceding claims, **characterized in that** the third area (35) has a thinner wall thickness than the first area (29) and/or the second area (33).
6. Platform according to any one of the preceding claims, **characterized in that** the bearing device (23) comprises a projection (43) serving as a pipetting attachment.
7. Platform according to any one of the preceding claims, **characterized in that** the base (3) comprises at least one attachment (37, 65).

8. Platform according to any one of the preceding claims, **characterized in that** at least one supply line exists to the space lying between the base (3) and the object support (57).

9. Platform according to Claim 8, **characterized in that** the at least one supply line comprises an opening (21) provided in the surface of the base.

10. Platform according to any one of the preceding claims, **characterized in that** at least one discharge exists from the space lying between the base (3) and the object support (57).

11. Platform according to Claim 10, **characterized in that** the at least one discharge comprises an opening provided in the surface (5) of the base (3).

12. Platform according to any one of the claims 1 to 11, **characterized in that** the at least one supply line and/or the at least one discharge is closable – preferably by a membrane (39).

13. Platform according to any one of the preceding claims, **characterized by a** holder (67).

14. Platform according to any one of the preceding claims, **characterized in that** the holder is connectable with a basic part (85), preferably swivable.

15. Method for wetting objects, especially for forming an incubation/hybridization chamber by means of a base being provided with at least one spacer and a platform comprising a frame carrying it and an object support, in particular by means of a platform according to any one of the claims 1 to 14, with the following steps:

- Setting the base onto the object support so that the at least one spacer keeps the base at a distance to the object support and a laterally open space between base and object support is enclosed;
- exertion of a force on the frame of the base so that a bearing device movably connecting the frame and the base tightly seals the space between base and object support.